

Remarks

The Rejection of Claims 1, 3-5 and 8-30 Under 35 U.S.C. §112 (First Paragraph)

The Examiner rejected Claims 1, 3-5 and 8-30 under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. Applicant respectfully traverses the rejection inasmuch as the rejection may apply to the amended claims.

With regard to the rejection pertaining to Claim 1 the Examiner indicated that it was unclear as to what element was used to accomplish the step of "determining the input power of an interacting energy," as well as the step of "switching." Applicant has amended Claim 1 to include the limitation that the steps of determining and switching are accomplished by the temperature control loop. Reconsideration of the rejection is courteously requested.

With regard to the rejection of Claim 8, Applicant has amended the claim to include the limitation that the means for determining, means for switching and means for maintaining comprise the temperature control loop, the drive unit and the temperature control loop, respectively.

With regard to Claim 15, Applicant has amended the claim to include the limitation that the control loop comprises a temperature control loop. The temperature control loop is described in paragraphs [0014-0015] of Applicant's original specification; more specifically, paragraph [0015] states, "A detector of the actual state...could be implemented with a temperature sensor...Alternatively, a measurement of the temperature of the optically active component could be accomplished by way of its optical properties, suitable calibration measurements being provided for this purpose. Applicant has also added the limitation that the means for switching comprises the drive unit. Furthermore, the means for switching as recited in Claim 8 the similar as that of Claim 15. Finally, Claim 15 has been amended to recite that the means for maintaining is provided by switching the interacting energy.

Applicant respectfully submits that all elements of the claims are sufficiently enabled and described such that one having ordinary skill in the art may make and use the invention without

undue experimentation. Indeed, "a patent need not teach, and preferably omits, that which is well known in the art." MPEP §2164.01.

For the reasons, set forth above, Applicant respectfully requests reversal of the rejection.

The Rejection of Claims 1, 3-5 and 8-30 Under 35 U.S.C. §112 (Second Paragraph)

The Examiner rejected Claims 1, 3-5 and 8-30 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to point out and distinctly claim the subject matter applicant regards as the invention. More specifically, the Examiner indicated that Claims 1, 8 and 15 included the limitation "the" input power.

Applicant has amended the above-identified claims to redact the phrases "the input power" and "average input power." Paragraphs [0013-0016] indicate that the interacting energy may comprise acoustic waves in the case of an acoustooptical component, electricity in the case of an electrooptical component, etc.

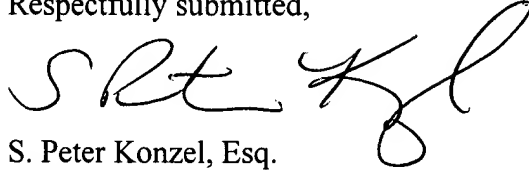
With regard to Claim 8, Applicant has amended the claim to recite that the interacting energy includes the drive energy of the optically active component and the light beam that interacts with the optically active component.

For the reasons set for the above, Applicant respectfully requests reversal of the rejection.

Conclusion

Applicant respectfully submits that all pending claims are now in condition for allowance, which action is courteously requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. Peter Konzel'.

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